

ABSTRACT

An apparatus maintaining adjusted positions of parts assembled by adhering includes a device coating plural sections between a part and an adhering target with light energy curable adhesives adhering the part to the adhering target, a light energy irradiating device for curing the adhesive, and a detecting device detecting a displacement of the part from the adhering target. A curing shrinkage force control device is also provided to control the light energy irradiating device to change the light and thus control curing shrinkage forces to offset undesirable stresses generated by the curing shrinkage forces when undesirable displacement is detected.